

Figure 1: Laminated Security Article

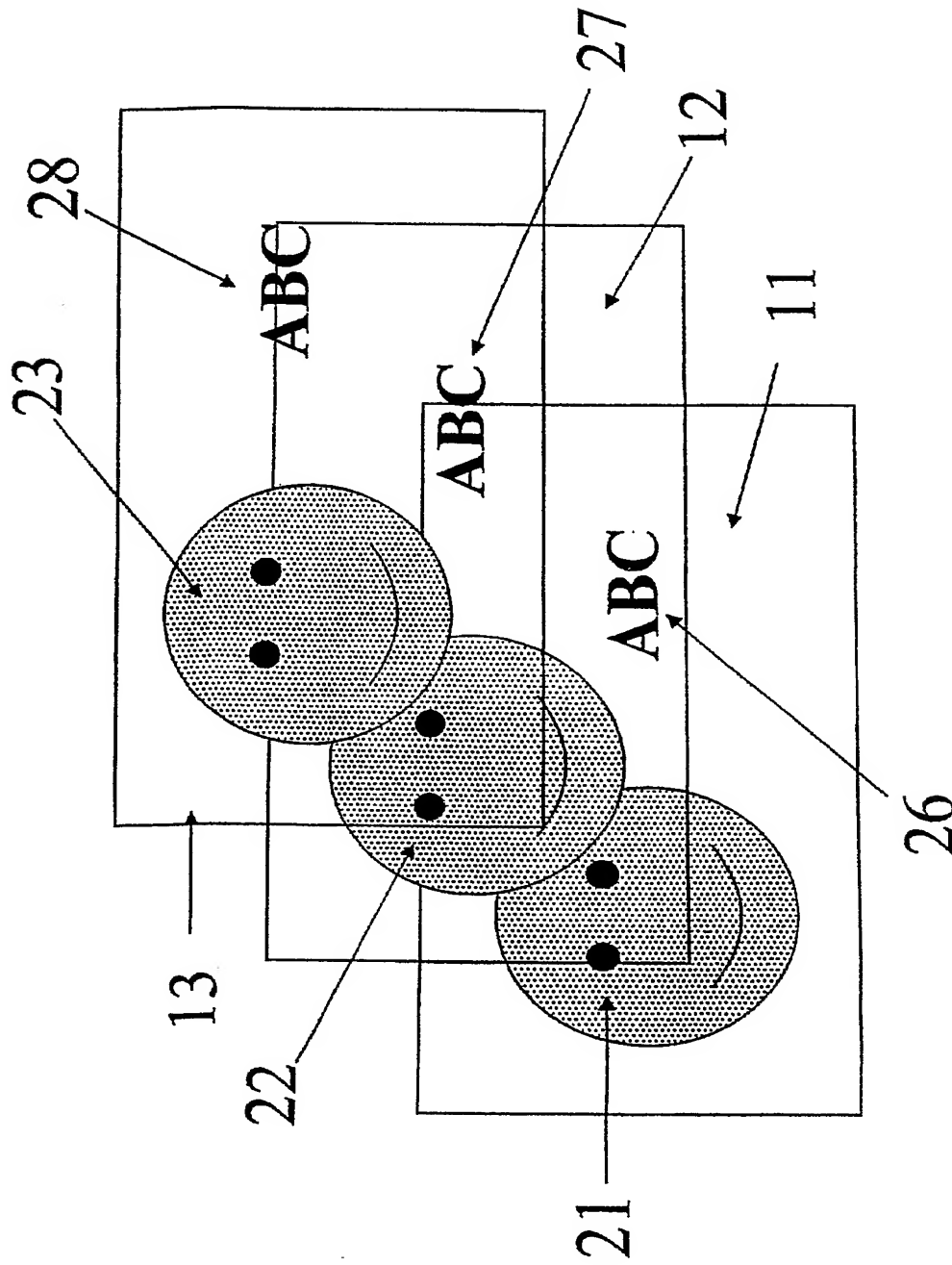


Figure 2: Individual layers with different  
coloured images in each layer

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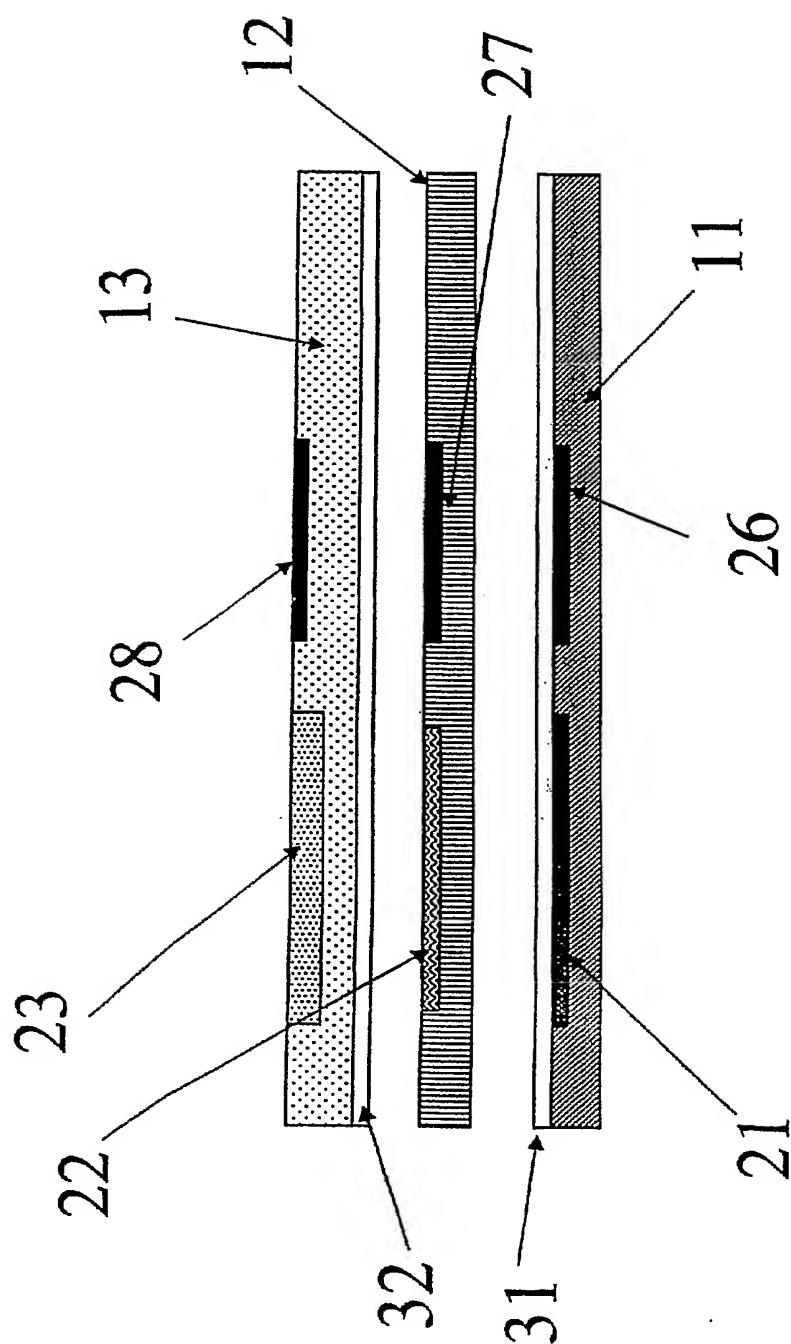


Figure 3: Multicolour lasered image embedded in transparent polymer film with printed information

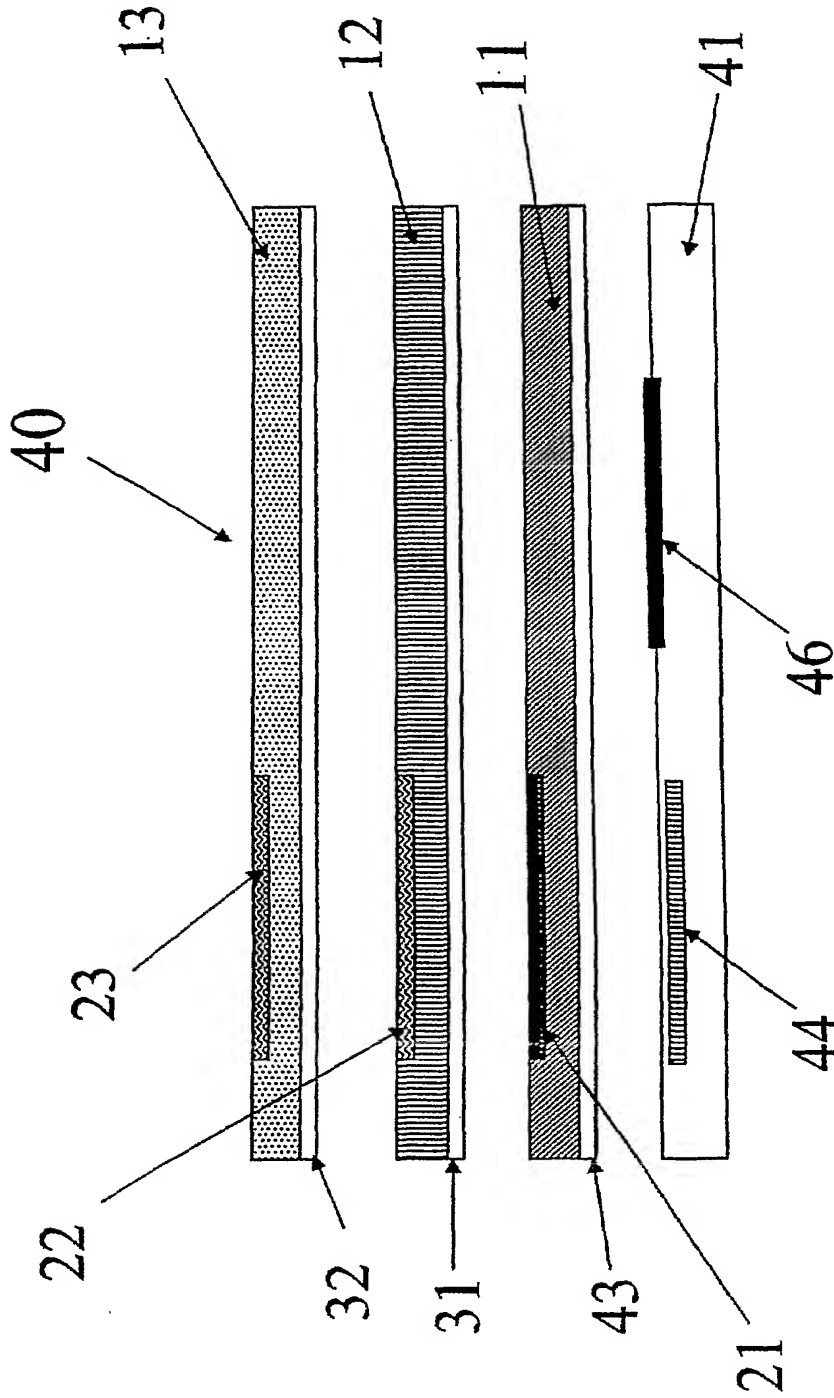


Figure 4 : Multicolour lasered image with  
additional dark colour layer

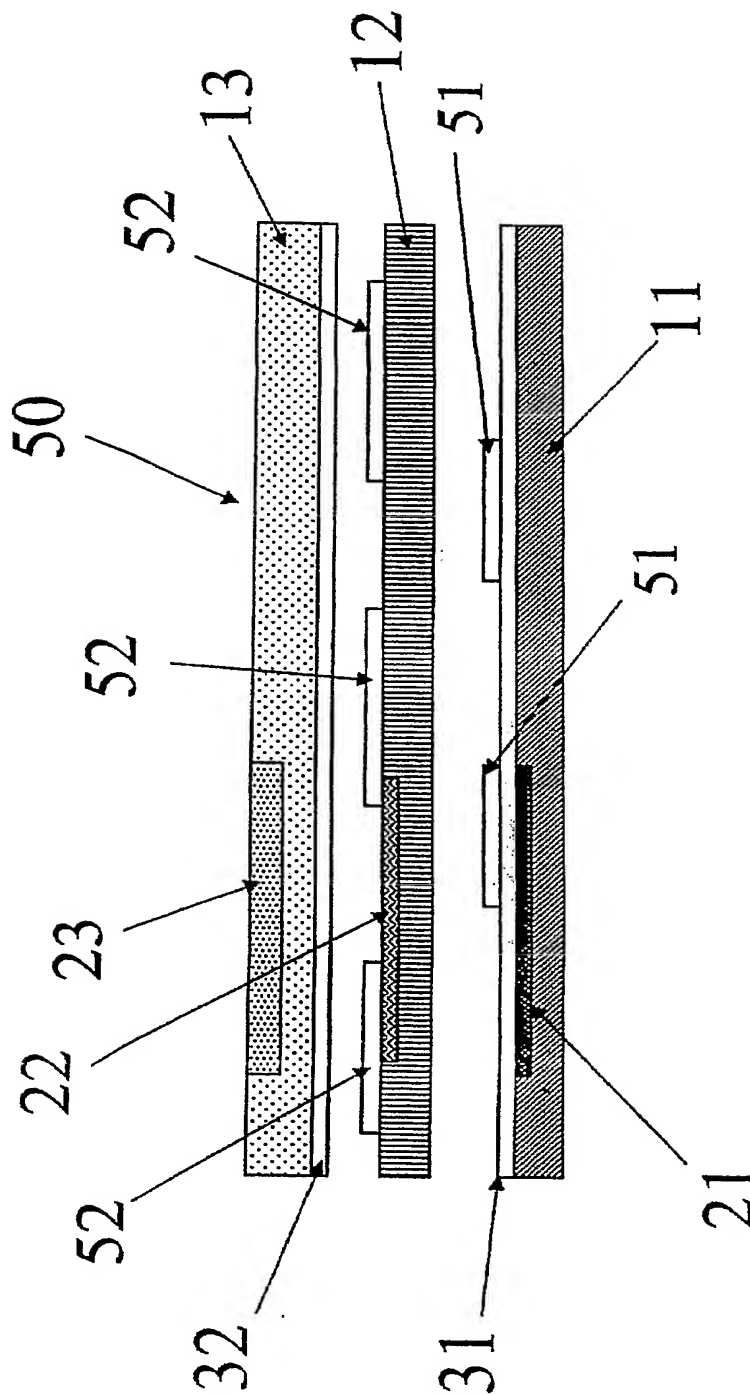


Figure 5: Multicoloured image embedded in transparent polymer film with OVI printed images

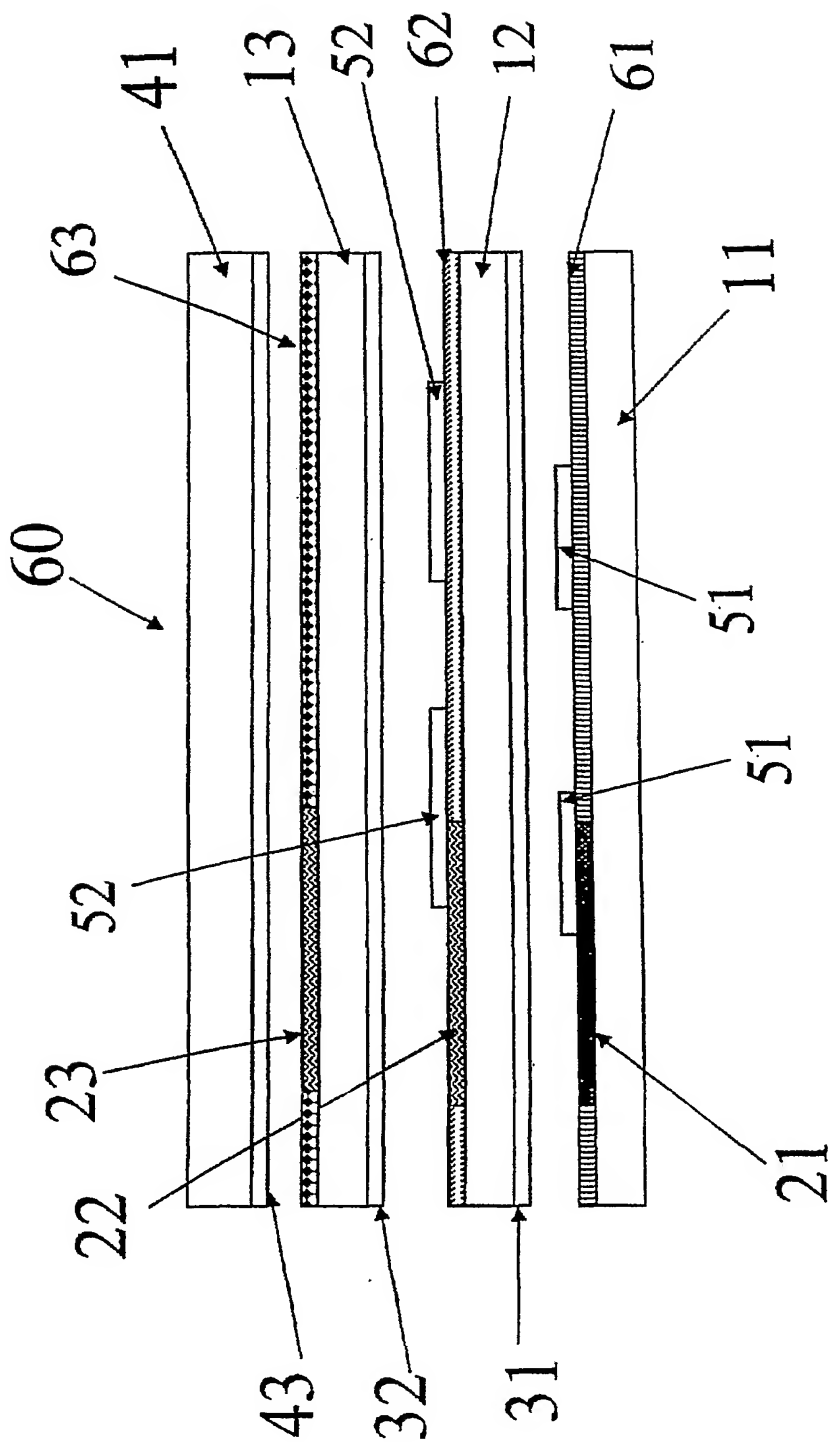


Figure 6: Multicolour lasered image created in transparent coatings

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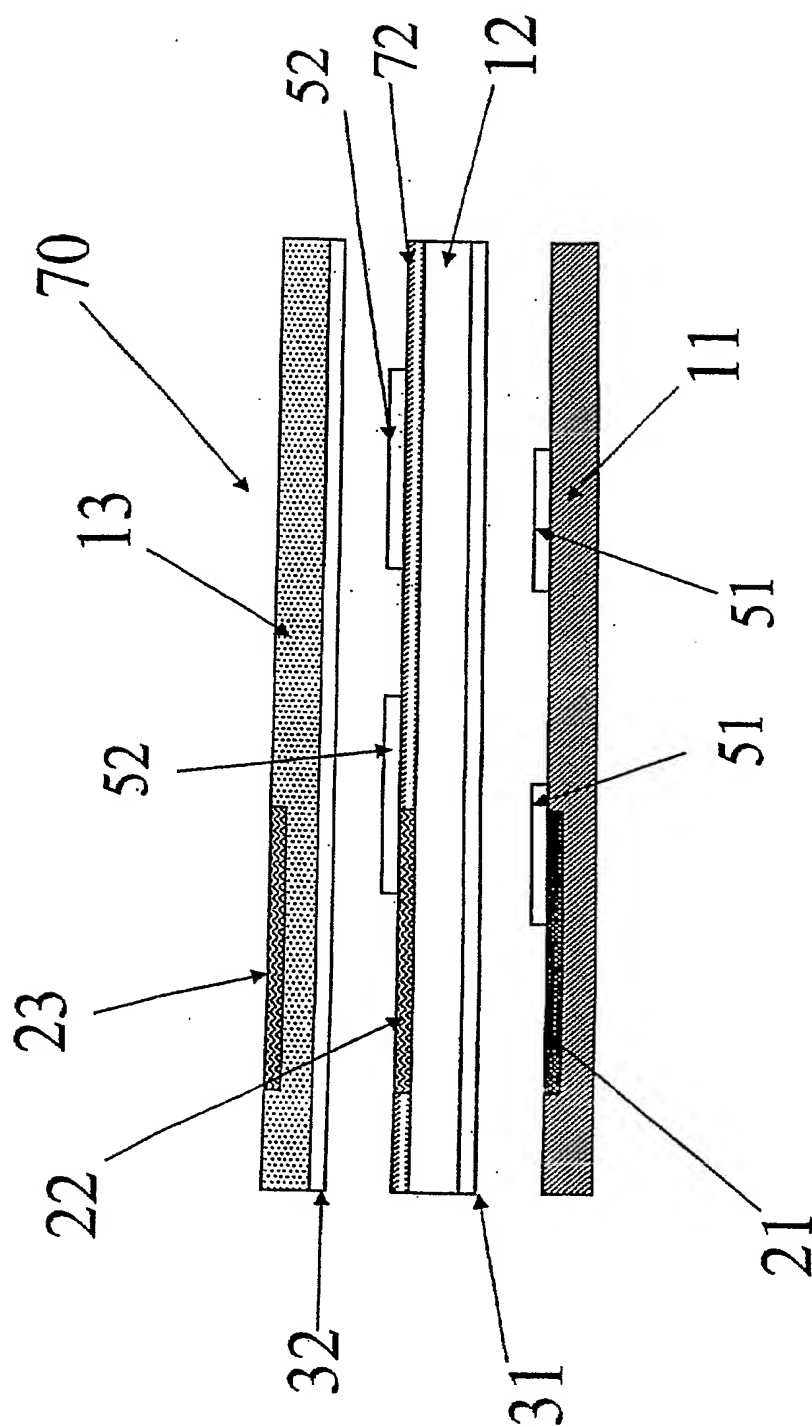


Figure 7: Multicolour lasered image embedded in film and coating

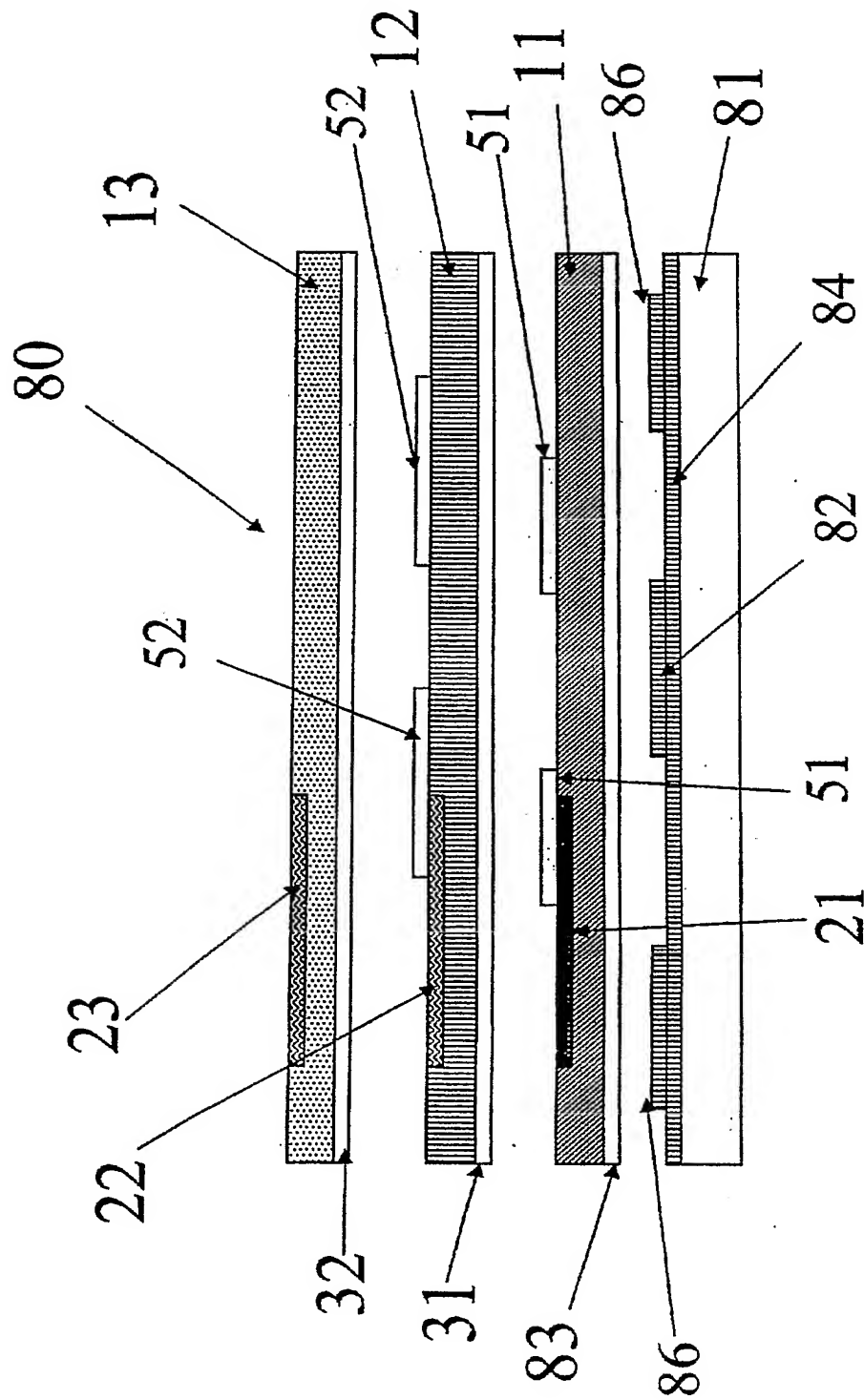


Figure 8 : Multicolour lasered image embedded in film with shadow image



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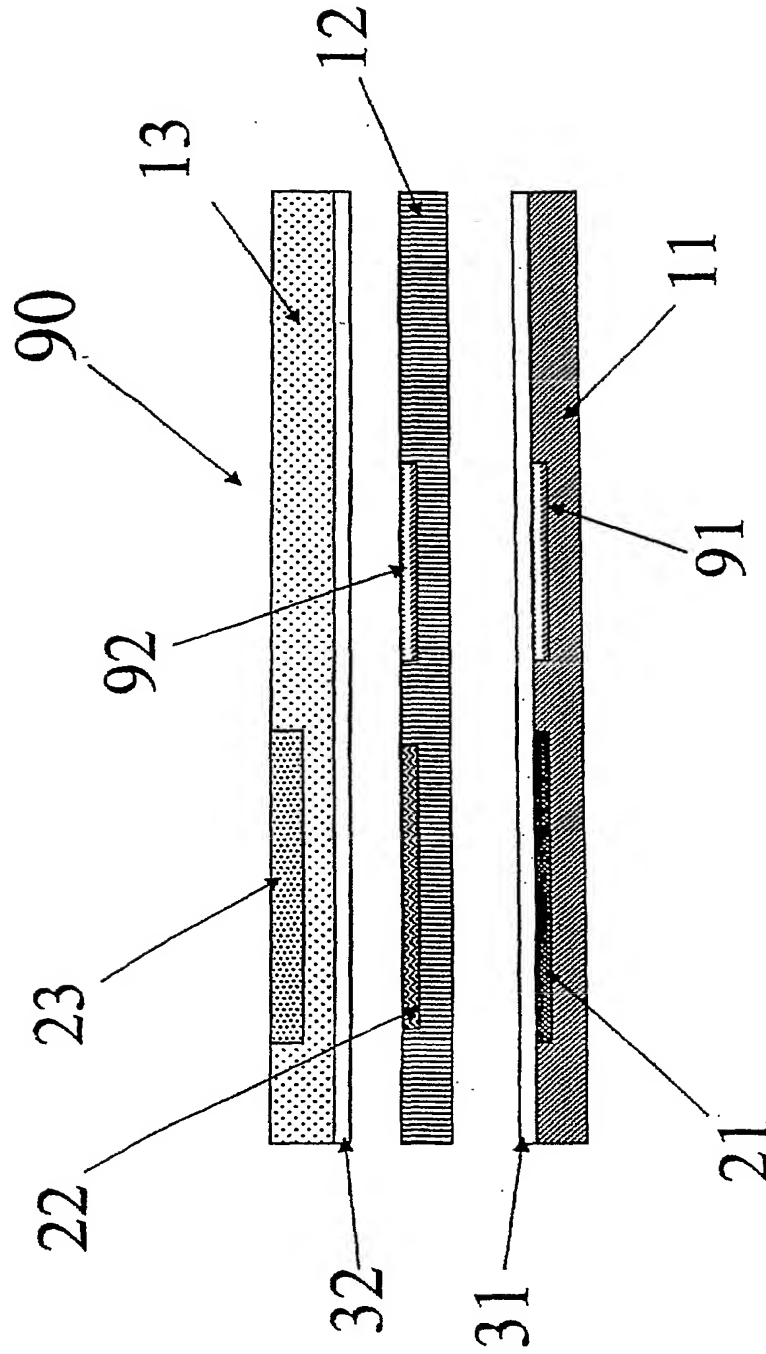


Figure 9: Multicolour lasered image embedded in transparent polymer film with lasered front to back registered images

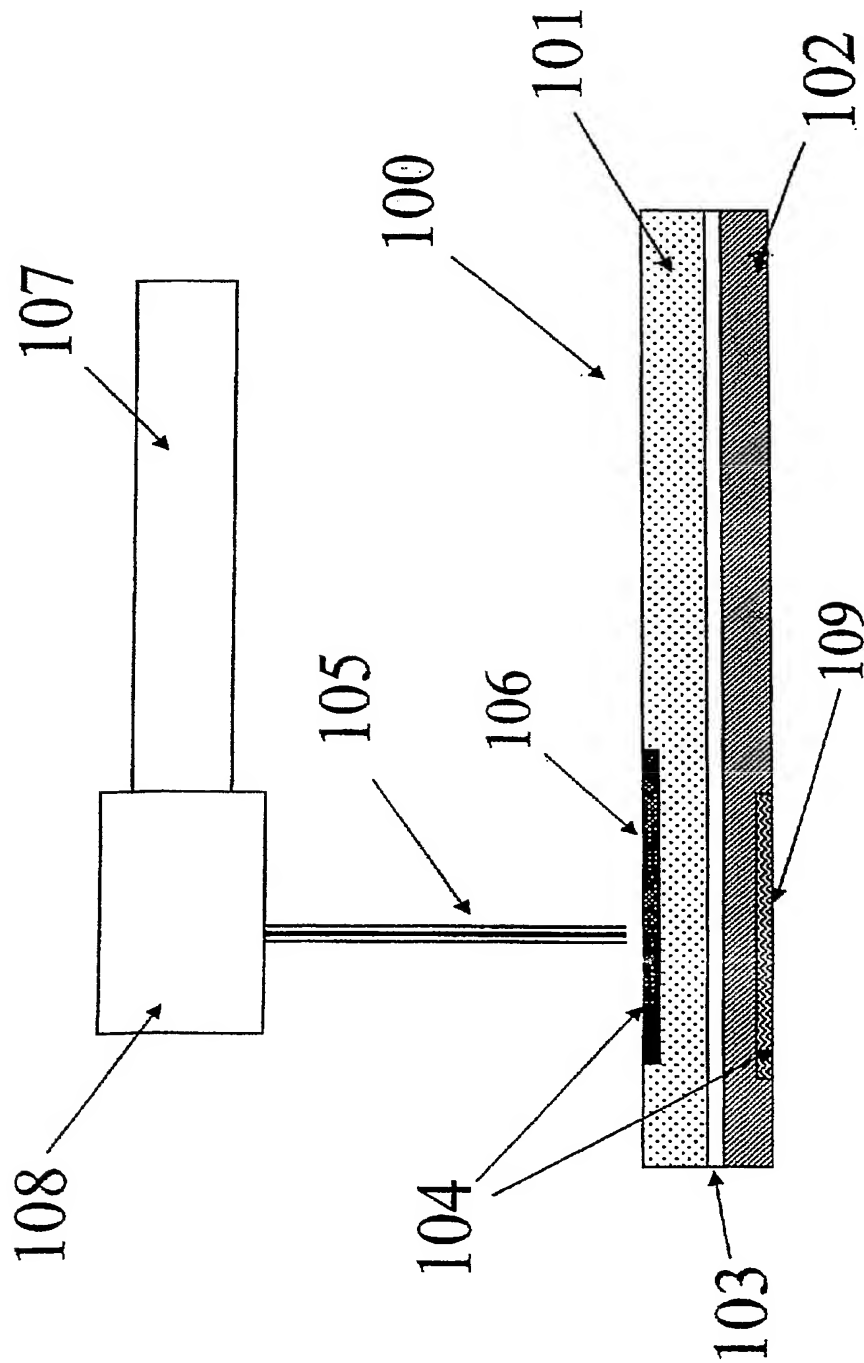


Figure 10: Laser writing performed on side 1 producing colour 1 and then flipping the stage by  $180^\circ$  and writing image 2 producing colour 2

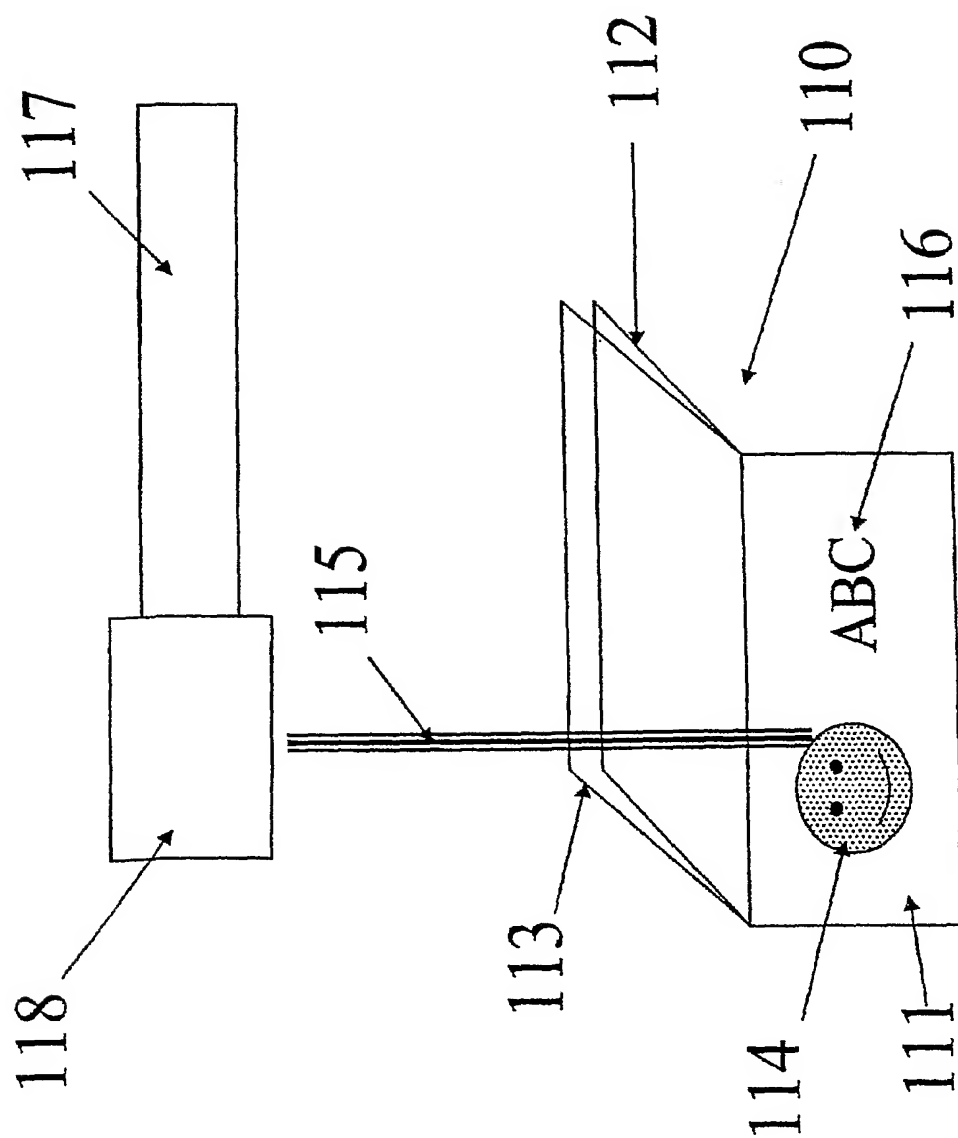


Figure 11: Laser writing into different colour forming films

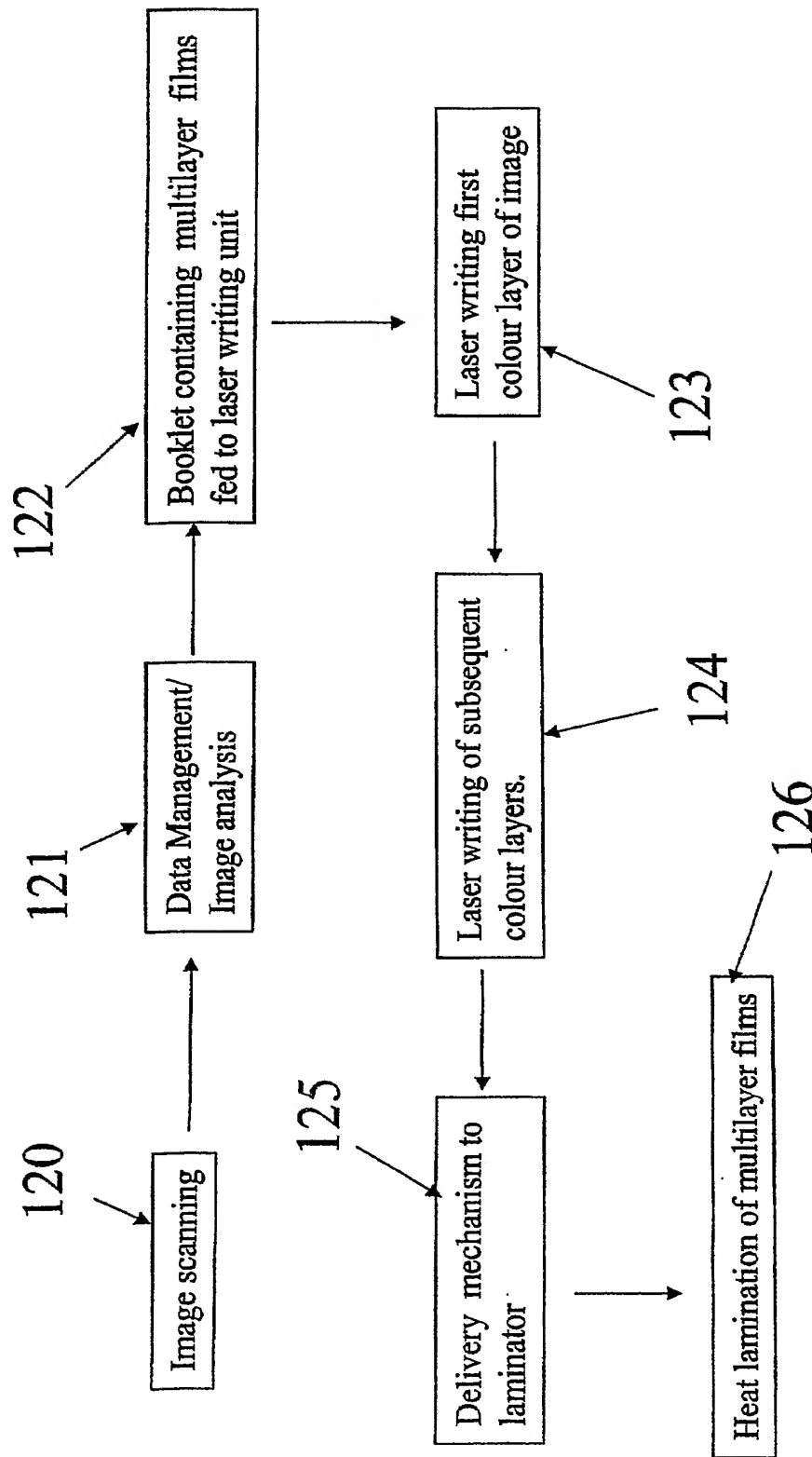


Figure 12: Flowsheet of personalisation process

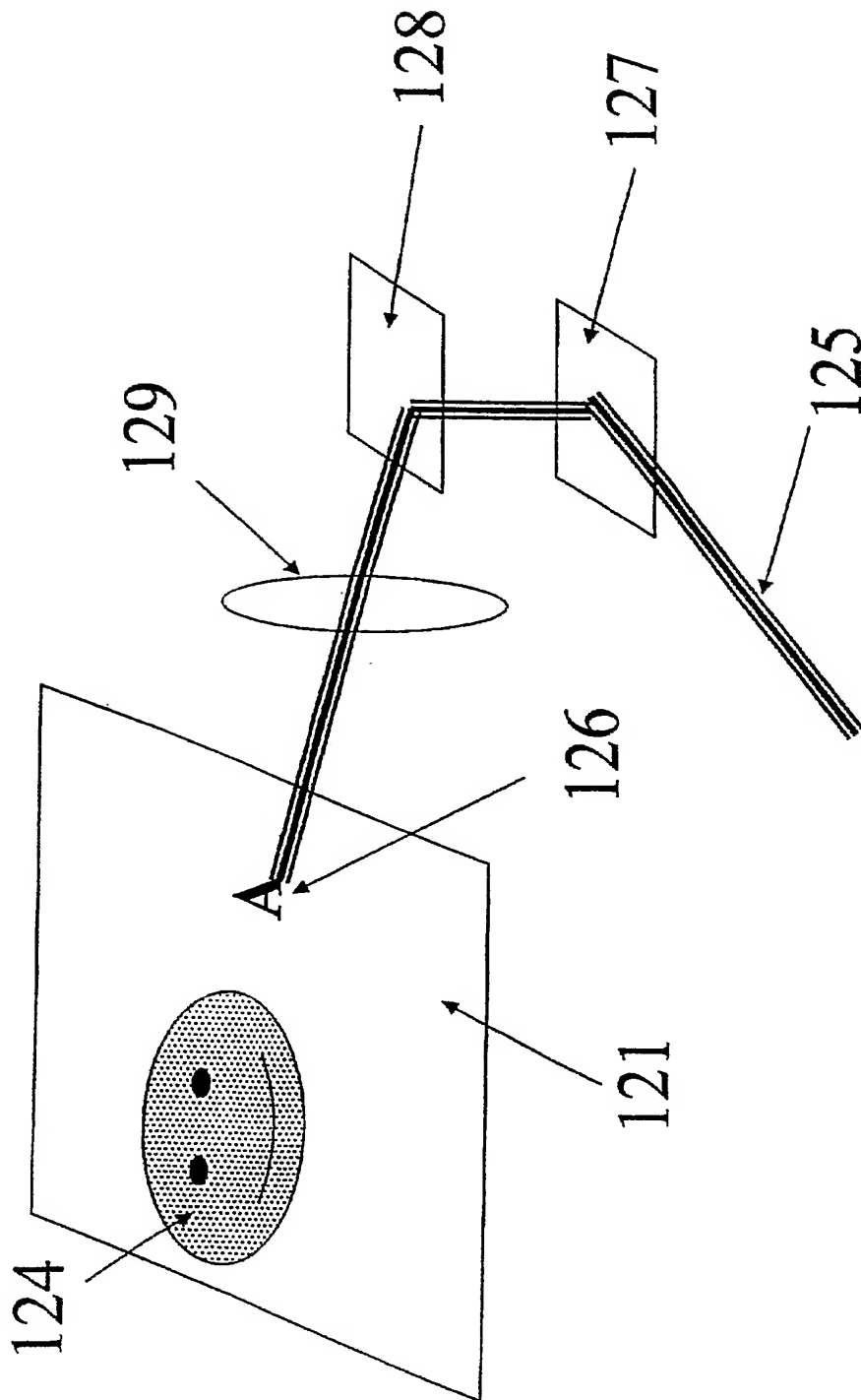


Figure 13: Laser writing mechanism for creating multicoloured images